

Converting Colors

Hex(2472C0)

Have a look what the booklet for
Hex(2472C0) contains.

Hex(2472C0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2472C0)

Conversions

Conversions Part 1

Format	Color
Hex	2472C0
RGB	36, 114, 192
RGB Percent	14%, 45%, 75%
CMY	0.8588, 0.5529, 0.2471
CMYK	0.81, 0.41, 0.00, 0.25
HSL	210°, 68%, 45%
HSV	210°, 81%, 75%
XYZ	16.2593, 16.2155, 52.1421
YIQ	99.5700, -71.5260, 7.7220

Conversions

Conversions Part 2

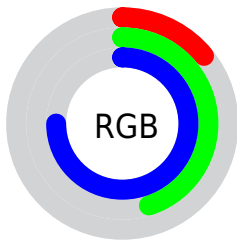
Format	Color
R _Y B	36, 88, 192
Decimal	2388672
CIE Lab	47.26, 4.91, -47.41
CIE LCh	47, 47.664, 275.908
Yxy	16.2155, 0.1922, 0.1916
Android (android.graphics.Color)	4280578752 (0xFF2472C0)
YUV	99.5700, 45.5680, -55.7509
Hunter-Lab	40.2684, 1.6037, -48.5845

Details

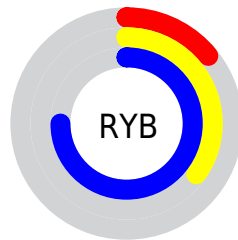
The Hex color **2472C0** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **C07224**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6AA5F9**, and **00438A** is the 20% darker color. If you saturate the color by 10%, you get **1168C0**, and if you desaturate by 10%, it is **377CC0**.

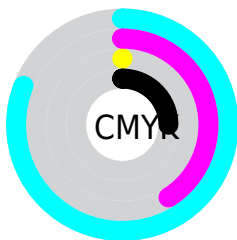
Distribution



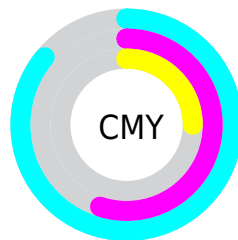
- Red (14%)
- Green (45%)
- Blue (75%)



- Red (14%)
- Yellow (35%)
- Blue (75%)



- Cyan (81%)
- Magenta (41%)
- Yellow (0%)
- Black (25%)



- Cyan (86%)
- Magenta (55%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2472C0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2472C0 by changing the saturation by 10% instead.

■ 2472C0

■ 2472C0

FFFFFF

■ 005AA5

■ 6AA5F9

■ 00438A

■ 89C0FF

■ 002D70

■ A6DCFF

■ 001A57

■ C4F9FF

■ 00063F

■ E2FFFF

■ 000328

■ 000112

■ 000000

■ 2472C0

■ 2472C0

■ 1168C0

■ 377CC0

■ 0060C0

■ 4A85C0

■ 5E8FC0

■ 7198C0

■ 84A2C0

■ 97ACC0

■ AAB5C0

■ BEBFC0

■ D1C8C0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



007DB9



2472C0



7C62B1

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2472C0



B45243



00814E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2472C0



C07224

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



547B2A



2472C0



9F6224

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2472C0



B84A6A



7E7117



008377

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2472C0



9C579E



7E7117



2C7F41

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2472C0



BEDCFA



24C072



596B7D



FCFCFC



7D7D7D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2472C0



057FFA



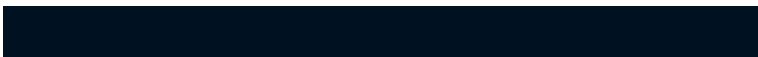
2424C0



575C61



0050A1



001121

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C02472



FA057F



C0C024



61575C



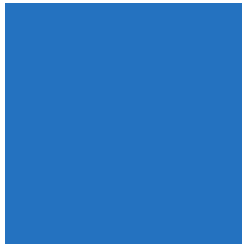
A10050



210011

Previews

White Background



This preview shows how the Hex color 2472C0 looks on a white background.

Color Contrast Check

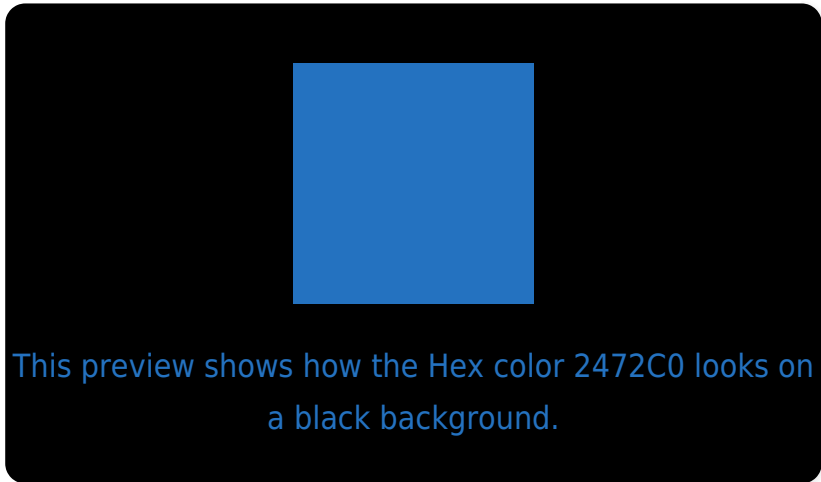
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

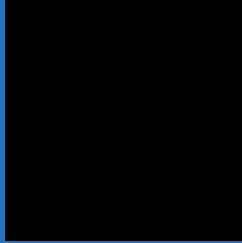
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2472C0 Background



This preview shows how black text looks on a background with the Hex color 2472C0.

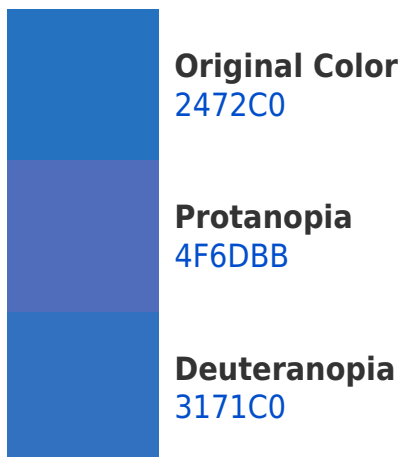


This preview shows how white text looks on a background with the Hex color 2472C0.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

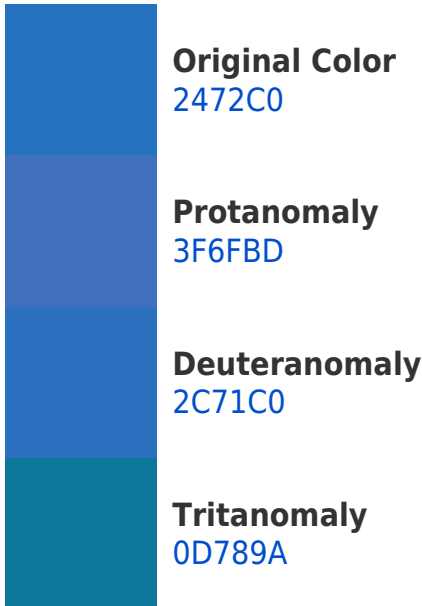
Dichromacy





Tritanopia
007C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2472C0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2472C0 looks like.

```
.text, #text, p{  
    color:#2472C0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2472C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2472C0
}
```

Border

The CSS property to change the border of an element to Hex 2472C0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2472C0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2472C0 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2472C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2472C0; -webkit-box-shadow:4px 4px  
4px 4px #2472C0; box-shadow:4px 4px 4px  
4px #2472C0 }
```

Background

The CSS property to change the background color of an element to Hex 2472C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2472C0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2472C0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor